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For: NUCLEIC ACID ENCODING SPINOCEREBELLAR ATAXIA-2 AND PRODUCTS RELATED THERETO

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82. (Amended) Isolated nucleic acid, wherein a complement of said nucleic acid hybridizes to nucleotides 50-3454 of SEQ ID NO:4 in a solution containing 50% formamide, 5X Denhardt's solution, 5% SSPE, 0.2% SDS at 42°C, followed by washing in 0.2X SSPE, 0.2% SDS at 65°C, wherein the isolated nucleic acid encodes a polypeptide of SEQ ID NO:5.